

=> d his

(FILE 'HOME' ENTERED AT 20:04:27 ON 23 SEP 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 20:07:02 ON 23 SEP 2004

SEA (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)

4 FILE BIOSIS
3 FILE BIOTECHABS
3 FILE BIOTECHDS
4 FILE BIOTECHNO
5 FILE CABA
10 FILE CAPLUS
3 FILE DDFU
42 FILE DGENE
3 FILE DRUGU
1 FILE EMBAL
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3* FILE FEDRIP
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2 FILE IFIPAT
3 FILE LIFESCI
4 FILE MEDLINE
3 FILE PASCAL
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1 FILE TOXCENTER
10 FILE USPATFULL
1 FILE USPAT2
2 FILE WPIDS
2 FILE WPINDEX
1 FILE NLDB

L1 QUE (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)

FILE 'DGENE, EMBASE, CAPLUS, USPATFULL, SCISEARCH, ESBIODBASE, CABA, BIOSIS, BIOTECHNO, MEDLINE' ENTERED AT 20:09:32 ON 23 SEP 2004

L2 108 S (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)
L3 76 DUP REM L2 (32 DUPLICATES REMOVED)
L4 7 S L3 (S)ADIPOS?

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 4 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
with the 228th ACS National Meeting
NEWS 5 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 6 AUG 02 CAPLUS and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 7 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 8 AUG 04 Pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover! will change September 1, 2004
NEWS 9 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 10 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 11 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 12 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 13 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 14 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
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FILE 'HOME' ENTERED AT 20:04:27 ON 23 SEP 2004

=> s (thioesteras?(s)obes?) or (hydrolas?(s)coa?(s)obes?)
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> index bioscience medicine
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.84	0.84

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE,
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 20:07:02 ON 23 SEP 2004

77 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (thioesteras?(s)obes?) or (hydrolas?(s)coa?(s)obes?)

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  4  FILE BIOSIS
  3  FILE BIOTECHABS
  3  FILE BIOTECHDS
  4  FILE BIOTECHNO
  5  FILE CABA
 10  FILE CAPLUS
19 FILES SEARCHED...
  3  FILE DDFU
 42  FILE DGENE
  3  FILE DRUGU
33 FILES SEARCHED...
  1  FILE EMBAL
 13  FILE EMBASE
  7  FILE ESBIODBASE
 3*  FILE FEDRIP
  3  FILE GENBANK
  2  FILE IFIPAT
  3  FILE LIFESCI
  4  FILE MEDLINE
54 FILES SEARCHED...
  3  FILE PASCAL
  2  FILE PHIN
  9  FILE SCISEARCH
  1  FILE TOXCENTER
 10  FILE USPATFULL
67 FILES SEARCHED...
  1  FILE USPAT2
  2  FILE WPIDS
  2  FILE WPINDEX
74 FILES SEARCHED...
  1  FILE NLDB
```

26 FILES HAVE ONE OR MORE ANSWERS, . 77 FILES SEARCHED IN STNINDEX

L1 QUE (THIOESTERAS?(S) OBES?) OR (HYDROLAS?(S) COA?(S) OBES?)

=> d rank

```

F1      42  DGENE
F2      13  EMBASE
F3      10  CAPLUS
F4      10  USPATFULL
F5       9  SCISEARCH
F6       7  ESBIODBASE
F7       5  CABA
F8       4  BIOSIS
F9       4  BIOTECHNO
F10      4  MEDLINE
F11      3  BIOTECHABS
F12      3  BIOTECHDS
F13      3  DDFU
F14      3  DRUGU
F15      3  GENBANK
F16      3  LIFESCI
F17      3  PASCAL
F18     3*  FEDRIP
F19      2  IFIPAT
F20      2  PHIN
F21      2  WPIDS
F22      2  WPINDEX
F23      1  EMBAL
```

F24 1 TOXCENTER
F25 1 USPAT2
F26 1 NLDB

=> file f1-f10

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.28

3.12

FILE 'DGENE' ENTERED AT 20:09:32 ON 23 SEP 2004
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FILE 'MEDLINE' ENTERED AT 20:09:32 ON 23 SEP 2004

=> s (thioesteras?(s)obes?) or (hydrolas?(s)coa?(s)obes?)
L2 108 (THIOESTERAS?(S) OBES?) OR (HYDROLAS?(S) COA?(S) OBES?)

=> dup rem l2

DUPLICATE IS NOT AVAILABLE IN 'DGENE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2

L3 76 DUP REM L2 (32 DUPLICATES REMOVED)

=> d ti l3 1-76

L3 ANSWER 1 OF 76 USPATFULL on STN
TI Novel proteins and nucleic acids encoding same

L3 ANSWER 2 OF 76 USPATFULL on STN
TI Gene expression in bladder tumors

L3 ANSWER 3 OF 76 USPATFULL on STN
TI Methods of diagnosis of breast cancer, compositions and methods of
screening for modulators of breast cancer

L3 ANSWER 4 OF 76 USPATFULL on STN
TI Inhibition of fatty acid synthase by beta-lactones and other compounds
for inhibition of cellular proliferation

L3 ANSWER 5 OF 76 USPATFULL on STN
TI Tumor necrosis factor receptor 2

L3 ANSWER 6 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 1

TI A fatty acid synthase blockade induces tumor cell-cycle arrest by down-regulating Skp2.

L3 ANSWER 7 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 2

TI Orlistat Is a Novel Inhibitor of Fatty Acid Synthase with Antitumor Activity.

L3 ANSWER 8 OF 76 USPATFULL on STN

TI Protein-protein interactions in adipocyte cells (3)

L3 ANSWER 9 OF 76 USPATFULL on STN

TI BFIT compositions and methods of use

L3 ANSWER 10 OF 76 USPATFULL on STN

TI Human Transcriptomes

L3 ANSWER 11 OF 76 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN

TI Regulation of human S-acyl fatty acid synthase thioesterase-like enzyme.

L3 ANSWER 12 OF 76 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 3

TI Human uncoupling protein-3 and obesity: An update

L3 ANSWER 13 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI Hepatic protein expression of lean mice and obese diabetic mice treated with peroxisome proliferator-activated receptor activators. [Erratum to document cited in CA139:95192]

L3 ANSWER 14 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI Gene expression profiles of nondiabetic and diabetic obese mice suggest a role of hepatic lipogenic capacity in diabetes susceptibility

L3 ANSWER 15 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI Hepatic protein expression of lean mice and obese diabetic mice treated with peroxisome proliferator-activated receptor activators

L3 ANSWER 16 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI cDNAs encoding human and mouse brown fat inducible acyl CoA thioesterases and their use in treatment of metabolic disorders

L3 ANSWER 17 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI Cloning, sequencing and regulation of human S-Acyl fatty acid synthase thioesterase-like protein

L3 ANSWER 18 OF 76 USPATFULL on STN

TI 56939, a novel human acyl-CoA thioesterase family member and uses thereof

L3 ANSWER 19 OF 76 USPATFULL on STN

TI Regulation of human S-acyl fatty acid synthase thioesterase-like enzyme

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TI Glucose-dependent regulation of cholesterol ester metabolism in macrophages by insulin and leptin.

L3 ANSWER 21 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

TI Microarray profiling of skeletal muscle tissues from equally obese, non-diabetic insulin-sensitive and insulin-resistant Pima Indians

L3 ANSWER 22 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 5

TI De novo expression of uncoupling protein 3 is associated to enhanced mitochondrial thioesterase-1 expression and fatty acid metabolism in liver of fenofibrate-treated rats.

L3 ANSWER 23 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 6

TI BFIT, a unique acyl-CoA thioesterase induced in thermogenic

brown adipose tissue: Cloning, organization of the human gene and assessment of a potential link to **obesity**.

- L3 ANSWER 24 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 7
TI Structure and function of ASP, the human homolog of the mouse agouti gene.
- L3 ANSWER 25 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 8
TI Effect of dietary n-3 and n-6 polyunsaturated fatty acids on lipid-metabolizing enzymes in obese rat liver.
- L3 ANSWER 26 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN
TI Subcellular fractionation evidence for a putative peroxisome-mitochondrion attachment in the liver of normal and genetically obese (ob/ob and db/db) mice
- L3 ANSWER 27 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 9
TI Metabolic effects of coconut, safflower, or menhaden oil feeding in lean and obese Zucker rats.
- L3 ANSWER 28 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 10
TI Comparison of dehydroepiandrosterone and clofibril acid treatments in obese Zucker rats.
- L3 ANSWER 29 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
TI Effect of short-term DHEA administration on liver metabolism of lean and obese rats.
- L3 ANSWER 30 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 11
TI Effect of short-term DHEA administration on liver metabolism of lean and obese rats
- L3 ANSWER 31 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
TI A comparison of the effects of dehydroepiandrosterone treatment to ad libitum and pair-feeding in the obese Zucker rat.
- L3 ANSWER 32 OF 76 CABA COPYRIGHT 2004 CABI on STN
TI A comparison of the effects of dehydroepiandrosterone treatment to ad libitum and pair-feeding in the obese Zucker rat.
- L3 ANSWER 33 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 12
TI Metabolic consequences of dehydroepiandrosterone in lean and obese adult Zucker rats.
- L3 ANSWER 34 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
TI Lipid synthesis in lactating mammary gland.
- L3 ANSWER 35 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.
- L3 ANSWER 36 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.
- L3 ANSWER 37 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 38 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated human acyl-CoA thioesterase polypeptide 56939, useful for treating cardiovascular, liver, metabolic, brain, kidney, and cellular proliferative and/or differentiative disorders -

L3 ANSWER 39 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

L3 ANSWER 40 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

L3 ANSWER 41 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

L3 ANSWER 42 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

L3 ANSWER 43 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

L3 ANSWER 44 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 45 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 46 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 47 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 48 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 49 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

L3 ANSWER 50 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 51 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 52 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 53 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 54 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 55 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 56 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 57 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 58 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 59 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 60 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with
 HIV infection, sepsis, trauma or cancer.

L3 ANSWER 61 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 TI New isolated of brown fat inducible **thioesterase** (BFIT)
 polypeptides, useful for diagnosing and treating patients with metabolic
 disease, e.g. diabetes, **obesity** or cachexia associated with

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- L3 ANSWER 62 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New isolated of brown fat inducible **thioesterase** (BFIT)
polypeptides, useful for diagnosing and treating patients with metabolic
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- L3 ANSWER 63 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
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- L3 ANSWER 64 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New isolated human acyl-CoA thioesterase polypeptide 56939, useful for
treating cardiovascular, liver, metabolic, brain, kidney, and cellular
proliferative and/or differentiative disorders -
- L3 ANSWER 65 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 66 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
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cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 67 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 68 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 69 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 70 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 71 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 72 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
cardiovascular disease, diabetes, **obesity** and hyperlipidaemia
-
- L3 ANSWER 73 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like
enzyme, useful for identifying modulators of enzyme activity for treating
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L3 ANSWER 74 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia

L3 ANSWER 75 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia

L3 ANSWER 76 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
TI New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia

=> d 13 9 11-12 16-17 18 23 62 76 ibib abs

L3 ANSWER 9 OF 76 USPATFULL on STN
ACCESSION NUMBER: 2003:312634 USPATFULL
TITLE: BFIT compositions and methods of use
INVENTOR(S): Adams, Sean H., Randolph Township, NJ, UNITED STATES
Chui, Clarissa J., San Francisco, CA, UNITED STATES
Goddard, Audrey D., San Francisco, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Lewin, David A., New Haven, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003220238	A1	20031127
APPLICATION INFO.:	US 2002-55624	A1	20020122 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-263362P	20010122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SONNENSCHN NATH & ROSENTHAL LLP, P.O. BOX 061080, WACKER DRIVE STATION, SEARS TOWER, CHICAGO, IL, 60606-1080	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	2751	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Isolated polynucleotides encoding brown fat inducible thioesterase (BFIT) polypeptides and the polypeptides are provided. Methods of using these polynucleotides and polypeptides are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 76 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
ACCESSION NUMBER: 2003:377866 BIOSIS
DOCUMENT NUMBER: PREV200300377866
TITLE: Regulation of human S-acyl fatty acid synthase thioesterase-like enzyme.
AUTHOR(S): Xiao, Yonghong [Inventor, Reprint Author]; Towler, Eric Marshall [Inventor]; Eveleigh, Jamie Frederick [Inventor]
CORPORATE SOURCE: Cambridge, MA, USA
ASSIGNEE: Bayer Aktiengesellschaft, Leverkusen, Germany
PATENT INFORMATION: US 6593099 July 15, 2003
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (July 15 2003) Vol. 1272, No. 3.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

AB Reagents which regulate human S-acyl fatty acid synthase **thioesterase**-like enzyme and reagents which bind to human S-acyl fatty acid synthase **thioesterase**-like enzyme gene products can play a role in preventing, ameliorating, or correcting dysfunctions or diseases including, but not limited to cardiovascular disease, hyperlipidemia, **obesity**, and diabetes.

L3 ANSWER 12 OF 76 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
on STN DUPLICATE 3

ACCESSION NUMBER: 2004:62300 SCISEARCH
THE GENUINE ARTICLE: 759FF

TITLE: Human uncoupling protein-3 and obesity: An update
AUTHOR: Hesselink M K C (Reprint); Mensink M; Schrauwen P
CORPORATE SOURCE: Maastricht Univ, Dept Movement Sci, POB 616, NL-6200 MD Maastricht, Netherlands (Reprint); Maastricht Univ, Dept Movement Sci, NL-6200 MD Maastricht, Netherlands; Maastricht Univ, Dept Human Biol, Nutr & Toxicol Res Inst Maastricht, NL-6200 MD Maastricht, Netherlands

COUNTRY OF AUTHOR: Netherlands

SOURCE: OBESITY RESEARCH, (DEC 2003) Vol. 11, No. 12, pp. 1429-1443.
Publisher: NORTH AMER ASSOC STUDY OBESITY, 8630 FENTON ST, SUITE 918, SILVER SPRING, MD 20910 USA.
ISSN: 1071-7323.

DOCUMENT TYPE: General Review; Journal
LANGUAGE: English
REFERENCE COUNT: 94

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB The cloning of the uncoupling protein (UCP)I homologs UCP2 and UCP3 has raised considerable interest in the mechanism. The expression of UCP3 mainly in skeletal muscle mitochondria and the potency of the skeletal muscle as a thermogenic organ made UCP3 an attractive target for studies toward manipulation of energy expenditure to fight disorders such as **obesity** and type 2 diabetes. Overexpressing UCP3 in mice resulted in lean, hyperphagic mice. However, the lack of an apparent phenotype in mice lacking UCP3 triggered the search for alternative functions of UCP3. The observation that fatty acid levels significantly affect UCP3 expression has given UCP3 a position in fatty acid handling and/or oxidation. Emerging data indicate that the primary physiological role of UCP3 may be the mitochondrial handling of fatty acids rather than the regulation of energy expenditure through thermogenesis. It has been proposed that UCP3 functions to export fatty acid anions away from the mitochondrial matrix. In doing so, fatty acids are exchanged with protons, explaining the uncoupling activity of UCP3. The exported fatty acid anions may originate from hydrolysis of fatty acid esters by a mitochondrial **thioesterase**, or they may have entered the mitochondria as nonesterified fatty acids by incorporating into and flip-flopping across the mitochondrial inner membrane. Regardless of the origin of the fatty acid anions, this putative function of UCP3 might be of great importance in protecting mitochondria against fatty acid accumulation and may help to maintain muscular fat oxidative capacity.

L3 ANSWER 16 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:676171 CAPLUS
DOCUMENT NUMBER: 137:212048
TITLE: cDNAs encoding human and mouse brown fat inducible

acyl CoA thioesterases and their use in treatment of metabolic disorders

INVENTOR(S): Adams, Sean H.; Goddard, Audrey D.; Grimaldi, J. Christopher; Chui, Clarissa J.

PATENT ASSIGNEE(S): Curagen Corporation, USA; Genentech, Inc.

SOURCE: PCT Int. Appl., 92 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068619	A2	20020906	WO 2002-US1783	20020122
WO 2002068619	A3	20030710		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003220238	A1	20031127	US 2002-55624	20020122
EP 1368462	A2	20031210	EP 2002-705889	20020122
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRIORITY APPLN. INFO.:

US 2001-263362P	P	20010122
WO 2002-US1783	W	20020122

AB Isolated polynucleotides encoding brown fat inducible thioesterase (BFIT) polypeptides and the polypeptides are provided. BFIT mRNA species was induced 2-3-fold above the control following cold exposure (4.degree.), and repressed .apprx. 70% by warm acclimation (33.degree.C, 3 wk) compared with controls (22.degree.C). BFIT was mapped to syntenic regions of chromosomes 1 (human) and 4 (mouse) assocd. with body fatness and diet-induced obesity, potentially linking a deficit of BFIT activity with exacerbation of these traits. Consistent with this notion, BFIT mRNA was significantly higher (~ 1.6-2-fold) in the brown adipose tissue of obesity-resistant compared with obesity-prone mice fed a high-fat diet, and was 2.5-fold higher in controls compared with ob/ob mice. The strong, cold-inducible brown adipose tissue expression in mice suggests that BFIT supports the transition of this tissue towards increased metabolic activity, probably through alteration of intracellular fatty acyl-CoA concn. Methods of using these polynucleotides and polypeptides are also provided.

L3 ANSWER 17 OF 76 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:10659 CAPLUS
DOCUMENT NUMBER: 136:80920
TITLE: Cloning, sequencing and regulation of human S-Acyl fatty acid synthase thioesterase-like protein
INVENTOR(S): Xiao, Yonghong
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002000855	A2	20020103	WO 2001-EP7297	20010626
WO 2002000855	A3	20020606		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002042115	A1	20020411	US 2001-888623	20010626
US 6593099	B2	20030715		

PRIORITY APPLN. INFO.:

US 2000-214012P	P	20000626
US 2000-255148P	P	20001214

AB Reagents which regulate human S-acyl fatty acid synthase thioesterase-like enzyme and reagents which bind to human S-acyl

fatty acid synthase **thioesterase**-like enzyme gene products can play a role in preventing, ameliorating, or correcting dysfunctions or diseases including, but not limited to cardiovascular disease, hyperlipidemia, **obesity**, and diabetes.

L3 ANSWER 18 OF 76 USPATFULL on STN
ACCESSION NUMBER: 2002:294282 USPATFULL
TITLE: 56939, a novel human acyl-CoA thioesterase family member and uses thereof
INVENTOR(S): Meyers, Rachel A., Newton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002164320	A1	20021107
APPLICATION INFO.:	US 2001-911317	A1	20010723 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-220040P	20000721 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	LOUIS MYERS, FISH & RICHARDSON P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	5096	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 56939 nucleic acid molecules, which encode novel acyl-CoA thioesterase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 56939 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 56939 gene has been introduced or disrupted. The invention still further provides isolated 56939 proteins, fusion proteins, antigenic peptides and anti-56939 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 76 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 6

ACCESSION NUMBER: 2001412436 EMBASE
TITLE: BFIT, a unique acyl-CoA **thioesterase** induced in thermogenic brown adipose tissue: Cloning, organization of the human gene and assessment of a potential link to **obesity**.
AUTHOR: Adams S.H.; Chui C.; Schilbach S.L.; Yu X.X.; Goddard A.D.; Grimaldi J.C.; Lee J.; Dowd P.; Colman S.; Lewin D.A.
CORPORATE SOURCE: S.H. Adams, Metabolic Disease Pharmacology Dept., Novartis Pharmaceuticals Corporation, 556 Morris Avenue, Summit, NJ 07901, United States. sean.adams@pharma.novartis.com
SOURCE: Biochemical Journal, (15 Nov 2001) 360/1 (135-142).
Refs: 44
ISSN: 0264-6021 CODEN: BIJOAK
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

AB We hypothesized that certain proteins encoded by temperature-responsive genes in brown adipose tissue (BAT) contribute to the remarkable metabolic shifts observed in this tissue, thus prompting a differential mRNA expression analysis to identify candidates involved in this process in mouse BAT. An mRNA species corresponding to a novel partial-length gene was found to be induced 2-3-fold above the control following cold exposure (4.degree.C), and repressed .apprxeq. 70 % by warm acclimation (33.degree.C, 3 weeks) compared with controls (22.degree.C). The gene displayed robust BAT expression (i.e. .apprxeq. 7-100-fold higher than

other tissues in controls). The full-length murine gene encodes a 594 amino acid (.apprx. 67 kDa) open reading frame with significant homology to the human hypothetical acyl-CoA **thioesterase** KIAA0707. Based on cold-inducibility of the gene and the presence of two acyl-CoA **thioesterase** domains, we termed the protein brown-fat-inducible **thioesterase** (BFIT). Subsequent analyses and cloning efforts revealed the presence of a novel splice variant in humans (termed hBFIT2), encoding the orthologue to the murine BAT gene. BFIT was mapped to syntenic regions of chromosomes 1 (human) and 4 (mouse) associated with body fatness and diet-induced **obesity**, potentially linking a deficit of BFIT activity with exacerbation of these traits. Consistent with this notion, BFIT mRNA was significantly higher (.apprx. 1.6-2-fold) in the BAT of **obesity**-resistant compared with **obesity**-prone mice fed a high-fat diet, and was 2.5-fold higher in controls compared with ob/ob mice. Its strong, cold-inducible BAT expression in mice suggests that BFIT supports the transition of this tissue towards increased metabolic activity, probably through alteration of intracellular fatty acyl-CoA concentration.

L3 ANSWER 62 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADH13925 DNA DGENE

TITLE: New isolated of brown fat inducible **thioesterase** (BFIT) polypeptides, useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with HIV infection, sepsis, trauma or cancer.

INVENTOR: Adams S H; Goddard A D; Grimaldi J C; Chui C J

PATENT ASSIGNEE: (CURA-N)CURAGEN CORP.
(GETH) GENENTECH INC.

PATENT INFO: WO 2002068619 A2 20020906 92p

APPLICATION INFO: WO 2002-US1783 20020122

PRIORITY INFO: US 2001-263362P 20010122

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2002-698669 [75]

DESCRIPTION: Murine brown fat inducible thioesterase PCR primer rev SEQ ID NO:17.

AN ADH13925 DNA DGENE

AB The invention relates to a novel isolated brown fat inducible **thioesterase** (BFIT) polypeptide. A polypeptide of the invention has anorectic, antidiabetic, and immunomodulator activity. A polynucleotide of the invention may have a use in gene therapy. The BFIT polynucleotides and polypeptides are useful for diagnosing and treating patients with metabolic disease, e.g. diabetes, **obesity** or cachexia associated with human immunodeficiency virus (HIV) infection, sepsis, trauma or cancer. The antibodies and methods are useful for screening agonists or antagonists that regulate or affect BFIT polynucleotides and polypeptides. The present sequence is used in the exemplification of the invention.

L3 ANSWER 76 OF 76 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ABK13701 cDNA DGENE

TITLE: New purified human S-acyl fatty acid synthase **thioesterase**-like enzyme, useful for identifying modulators of enzyme activity for treating cardiovascular disease, diabetes, **obesity** and hyperlipidaemia -

INVENTOR: Xiao Y

PATENT ASSIGNEE: (FARB)BAYER AG.

PATENT INFO: WO 2002000855 A2 20020103 123p

APPLICATION INFO: WO 2001-EP7297 20010626

PRIORITY INFO: US 2000-214012P 20000626

US 2000-255148P 20001214

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2002-130886 [17]

CROSS REFERENCES: P-PSDB: AAU75501

DESCRIPTION: DNA encoding s-acyl fatty acid synthase thioesterase-like enzyme #1.

AN ABK13701 cDNA DGENE

AB The invention describes a purified human S-acyl fatty acid synthase **thioesterase** (SFST)-like enzyme (I). (I) is useful for screening

for agents which decrease or regulate the activity of an SFST-like enzyme and agents which decrease extracellular matrix degradation. The polynucleotide (II) is useful for detecting a polynucleotide which encodes (I) in a biological sample by formation of a hybridisation complex. A reagent modulating the activity of SFST-like enzyme or an antibody can also be used to detect the polypeptide or polynucleotide in a biological sample. A reagent modulating the activity of (I) or (II) is also useful for treating a SFST-like enzyme dysfunction related disease condition such as cardiovascular disease, hyperlipidaemia, **obesity**, anorexia, cachexia, wasting disorders, appetite suppression, appetite enhancement, bulimia or diabetes. The cardiovascular diseases treated by the above mentioned methods and reagents include congestive heart failure, myocardial infarction, ischaemic diseases of the heart, atrial and ventricular arrhythmia, hypertensive vascular diseases, and peripheral vascular diseases. (I) is useful in diagnostic assays for detecting diseases and abnormalities related to presence of mutations in the nucleic acid sequences which encode the enzyme. This sequence encodes a human s-acyl fatty acid synthase **thioesterase**-like enzyme, described in the method of the invention.

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(FILE 'HOME' ENTERED AT 20:04:27 ON 23 SEP 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 20:07:02 ON 23 SEP 2004
SEA (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)

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4   FILE BIOSIS
3   FILE BIOTECHABS
3   FILE BIOTECHDS
4   FILE BIOTECHNO
5   FILE CABA
10  FILE CAPLUS
3   FILE DDFU
42  FILE DGENE
3   FILE DRUGU
1   FILE EMBAL
13  FILE EMBASE
7   FILE ESBIODASE
3*  FILE FEDRIP
3   FILE GENBANK
2   FILE IFIPAT
3   FILE LIFESCI
4   FILE MEDLINE
3   FILE PASCAL
2   FILE PHIN
9   FILE SCISEARCH
1   FILE TOXCENTER
10  FILE USPATFULL
1   FILE USPAT2
2   FILE WPIDS
2   FILE WPINDEX
1   FILE NLDB

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L1 QUE (THIOESTERAS?(S) OBES?) OR (HYDROLAS?(S) COA?(S) OBES?)

FILE 'DGENE, EMBASE, CAPLUS, USPATFULL, SCISEARCH, ESBIODASE, CABA, BIOSIS, BIOTECHNO, MEDLINE' ENTERED AT 20:09:32 ON 23 SEP 2004

L2 108 S (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)
L3 76 DUP REM L2 (32 DUPLICATES REMOVED)

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FIELD CODE - 'AND' OPERATOR ASSUMED 'L24 (S)ADIPOS?'
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FIELD CODE - 'AND' OPERATOR ASSUMED 'L30 (S)ADIPOS?'

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L32 (S)ADIPOS?'
L4 7 L3 (S) ADIPOS?

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(FILE 'HOME' ENTERED AT 20:04:27 ON 23 SEP 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE,
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 20:07:02 ON 23 SEP 2004
SEA (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)

4 FILE BIOSIS
3 FILE BIOTECHABS
3 FILE BIOTECHDS
4 FILE BIOTECHNO
5 FILE CABA
10 FILE CAPLUS
3 FILE DDFU
42 FILE DGENE
3 FILE DRUGU
1 FILE EMBAL
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3* FILE FEDRIP
3 FILE GENBANK
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4 FILE MEDLINE
3 FILE PASCAL
2 FILE PHIN
9 FILE SCISEARCH
1 FILE TOXCENTER
10 FILE USPATFULL
1 FILE USPAT2
2 FILE WPIDS
2 FILE WPINDEX
1 FILE NLDB

L1 QUE (THIOESTERAS?(S) OBES?) OR (HYDROLAS?(S) COA?(S) OBES?)

FILE 'DGENE, EMBASE, CAPLUS, USPATFULL, SCISEARCH, ESBIODASE, CABA,
BIOSIS, BIOTECHNO, MEDLINE' ENTERED AT 20:09:32 ON 23 SEP 2004

L2 108 S (THIOESTERAS?(S)OBES?) OR (HYDROLAS?(S)COA?(S)OBES?)
L3 76 DUP REM L2 (32 DUPLICATES REMOVED)
L4 7 S L3 (S)ADIPOS?

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<u>L2</u>	L1 same adipose\$4 same tissue\$4	3	<u>L2</u>
<u>L1</u>	(thioesteras\$4 same (obes\$4 or disor\$4)) or (hydrolas\$4 same coa\$4 same (obes\$4 or disord\$4))	79	<u>L1</u>

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20040043382 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 3

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040043382

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040043382 A1

TITLE: Novel proteins and nucleic acids encoding same

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Padigaru, Muralidhara	Branford	CT	US	
Spytek, Kimberly A.	New Haven	CT	US	
Shenoy, Suresh G.	Branford	CT	US	
Taupier, Raymond J. JR.	East Haven	CT	US	
Pena, Carol E. A.	New Haven	CT	US	
Li, Li	Branford	CT	US	
Zerhusen, Bryan D.	Branford	CT	US	
Gusev, Vladimir Y.	Madison	CT	US	
Ji, Weizhen	Branford	CT	US	
Gorman, Linda	Branford	CT	US	
Miller, Charles E.	Guilford	CT	US	
Kekuda, Ramesh	Norwalk	CT	US	
Patturajan, Meera	Branford	CT	US	
Gangolli, Esha A.	Madison	CT	US	
Vernet, Corine A.M.	Branford	CT	US	
Guo, Xiaojia Sasha	Branford	CT	US	
Tchernev, Velizar T.	Branford	CT	US	
Fernandes, Elma R.	Branford	CT	US	
Casman, Stacie J.	North Haven	CT	US	
Malyankar, Uriel M.	Branford	CT	US	
Gerlach, Valerie	Branford	CT	US	
Liu, Yi	San Diego	CA	US	
Anderson, David W.	Branford	CT	US	
Spaderna, Steven K.	Berlin	CT	US	
Catterton, Elina	Madison	CT	US	
Leite, Mario W.	Milford	CT	US	

Zhong, Haihong	Guilford	CT	US
Alsobrook, John P. II	Madison	CT	US
Lepley, Denise M.	Branford	CT	US
Rieger, Daniel K.	Branford	CT	US
Burgess, Catherine E.	Wethersfield	CT	US

US-CL-CURRENT: [435/6](#); [435/183](#), [435/320.1](#), [435/325](#), [435/69.1](#), [530/350](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20020042115 A1

L2: Entry 2 of 3

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042115

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042115 A1

TITLE: Regulation of human S-acyl fatty acid synthase thioesterase-like enzyme

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Xiao, Yonghong	Cambridge	MA	US	

US-CL-CURRENT: [435/183](#); [435/320.1](#), [435/325](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6593099 B2

L2: Entry 3 of 3

File: USPT

Jul 15, 2003

US-PAT-NO: 6593099

DOCUMENT-IDENTIFIER: US 6593099 B2

TITLE: Regulation of human S-acyl fatty acid synthase thioesterase-like enzyme

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Xiao; Yonghong	Cambridge	MA		
Towler; Eric Marshall	New Haven	CT		
Eveleigh; Jamie Frederick	West Haven	CT		

US-CL-CURRENT: [435/19](#); [435/18](#), [435/197](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	K00C	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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